

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/04420

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L23/373

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L C23C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/023733 A1 (FOX JOE R ET AL) 28 February 2002 (2002-02-28) paragraph '0028!	1-38
A	EP 0 859 408 A (SUMITOMO ELECTRIC INDUSTRIES) 19 August 1998 (1998-08-19) the whole document	1-38
A	EP 0 930 378 A (SAINT GOBAIN NORTON IND CERAMI) 21 July 1999 (1999-07-21) paragraph '0020!	1-38
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

21 April 2004

Date of mailing of the international search report

29/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SUMIO LIJIMA ET AL: "EARLY FORMATION OF CHEMICAL VAPOR DEPOSITION DIAMOND FILMS" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 57, no. 25, 17 December 1990 (1990-12-17), pages 2646-2648, XP000176420 ISSN: 0003-6951 the whole document	
A	EP 0 844 319 A (MATSUSHITA ELECTRIC IND CO LTD) 27 May 1998 (1998-05-27) the whole document	1-38

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			DE	69806193 D1	01-08-2002
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